

A B S T R A C T

A device for regulated heating of media in a dental
5 handpiece (1) has at least one media line (10) which can
be opened via a switch (32), a heating element (12, 31)
associated with the media line (10), a temperature sensor
(13, 34) detecting the temperature of the medium and a
regulation circuit (33) which is connected with the
10 temperature sensor (13, 34) and controls the heating
element (12, 31) in dependence upon the sensor signals.
After an actuation of the switch (32) the heating element
(12, 31) is operated for a short period of time at a
predetermined heating power independent of the output
15 signal of the regulation circuit (33), in order to heat
the medium as rapidly as possible to the required
temperature.

[Fig. 2]